

IN THE CLAIMS:

Please amend Claims 2, 15, 28, 41, and 45 as follows.

1. (Previously Presented) A moving image management apparatus for management of plural moving images recorded on a storage medium in correspondence with one or plural representative images, comprising:

a unit configured to record a representative image representing an arbitrary section or the whole of a moving image;

a unit configured to record information indicating the section or the whole of the moving image represented by the representative image in correspondence with the representative image; and

a unit configured to record information indicating a position of an image as a base of the representative image in correspondence with the representative image,

wherein in the case the representative image is designated by a user, it is interpreted that the section or the whole of the moving image represented by the representative image is selected.

2. (Currently Amended) The moving image management apparatus according to claim 1, further comprising:

a unit configured to record information indicating a purpose of use of the representative image as attribute information in correspondence with the representative image; and

a unit configured to select only the representative image corresponding to the purpose based on the attribute information.

3. (Previously Presented) The moving image management apparatus according to claim 2, when the representative image is designated by the user, it is interpreted that the section or the

whole of the moving image represented by the representative image is selected, and a function corresponding to the purpose is applied to the selected section or the whole of the moving image.

4. (Previously Presented) The moving image management apparatus according to claim 1, further comprising:

a unit configured to record information indicating a purpose of the representative image as attribute information; and

a unit configured to classify only the representative image for each purpose based on the attribute information.

5. (Previously Presented) The moving image management apparatus according to claim 4, wherein when the representative image is designated by the user, it is interpreted that the section or the whole of the moving image represented by the representative image is selected, and a function corresponding to the purpose is applied to the selected section or the whole of the moving image.

6. (Previously Presented) The moving image management apparatus according to claim 2, wherein when the information indicating the section or the whole of the moving image represented by the said representative image and the attribute information are recorded on the storage medium, they are recorded by representative image in a particular continuous portion.

7. (Previously Presented) The moving image management apparatus according to claim 6, wherein when the information indicating a position of an image as a base of the representative image and the representative image are recorded on the storage medium, they are recorded by representative image in a particular portion.

8. (Previously Presented) The moving image management apparatus according to claim 7, wherein the particular portion is a continuous area on the storage medium.

9. (Previously Presented) The moving image management apparatus according to claim 7, wherein only significant information of the said information indicating a position of an image as a base of the representative image and the representative image is recorded in a portion for easy storage and access.

10. (Previously Presented) The moving image management apparatus according to claim 2, wherein in said unit configured to record information indicating a purpose of the representative image as attribute information, the attribute information is an identification number previously defined for purpose.

11. (Previously Presented) The moving image management apparatus according to claim 3, wherein said unit configured to select only the representative image corresponding to the purpose based on the attribute information selects a representative image having said attribute information corresponding to a browsing operation,

and wherein said apparatus has a display unit that displays the representative image, further wherein application of function corresponding to the purpose to the selected section or the whole of the moving image is reproduction means for, when a desired representative image is designated from representative images displayed by said display unit, reproducing a corresponding moving image based on section information added to the representative image.

12. (Previously Presented) The moving image management apparatus according to claim 2, wherein if an editing range is designated in a desired moving image, said unit configured to select only the representative image corresponding to the said purpose based on the said

attribute information selects a representative image having the attribute information corresponding to an editing operation and within the editing range, and

wherein said apparatus has a display unit that displays the representative image within the editing range.

13. (Previously Presented) The moving image management apparatus according to claim 3, wherein in a print operation to print a desired frame in a desired moving image, said unit configured to select only the representative image corresponding to the purpose based on the attribute information selects a representative image having the attribute information corresponding to the print operation from representative images corresponding to said desired moving image,

and wherein said apparatus has a display unit that displays the representative image having the attribute information corresponding to the print operation,

further wherein application of function corresponding to a designated purpose to the selected section or the whole of the moving image when a desired representative image is designated from representative images displayed by said display unit, is output processing for, when a desired representative image is designated from representative images displayed by said display unit, referring to the information indicating a position of an image as a base of the representative image, and outputting a desired frame for print output.

14. (Previously Presented) A moving image management apparatus for management of plural moving images recorded on a storage medium in correspondence with one or plural representative images, comprising:

a generation unit configured to generate a representative image representing an arbitrary section or the whole of a moving image;

a first recording unit configured to record information indicating the section or the whole of the moving image represented by the representative image in correspondence with the representative image; and

a second recording unit configured to record information indicating a position of an image as a base of the representative image in correspondence with the representative image.

15. (Currently Amended) The moving image management apparatus according to claim 14, further comprising:

an adding unit configured to add information indicating a purpose of use of the representative image as attribute information;

a unit configured to record the attribute information added by said adding unit in correspondence with said representative image; and

a unit configured to select only the representative image corresponding to the purpose based on the attribute information.

16. (Previously Presented) The moving image management apparatus according to claim 15, wherein when the representative image is designated by the user, it is interpreted that the section or the whole of the moving image represented by the representative image is selected, and a function corresponding to the purpose is applied to the selected section or the whole of the moving image.

17. (Previously Presented) The moving image management apparatus according to claim 14, further comprising:

an adding unit configured to add information indicating a purpose of the representative image as attribute information;

a unit configured to record the attribute information added by said adding means in correspondence with the representative image; and

a unit configured to classify means for classifying only the representative image for each purpose based on the said attribute information.

18. (Previously Presented) The moving image management apparatus according to claim 17, wherein when the representative image is designated by the user, it is interpreted that the section or the whole of the moving image represented by the representative image is selected, and a function corresponding to the purpose is applied to the selected section or the whole of the moving image.

19. (Previously Presented) The moving image management apparatus according to claim 15, wherein when the information indicating the section or the whole of the moving image represented by the representative image and the attribute information are recorded on the storage medium, they are recorded by representative image in a particular continuous portion.

20. (Previously Presented) The moving image management apparatus according to claim 19, wherein when the information indicating a position of an image as a base of the representative image and the representative image are recorded on the storage medium, they are recorded by representative image in a particular portion.

21. (Previously Presented) The moving image management apparatus according to claim 20, wherein the particular portion is a continuous area on the storage medium.

22. (Previously Presented) The moving image management apparatus according to claim 20, wherein only significant information of the information indicating a position of an image as a base of the representative image and the representative image is recorded in a portion for easily storage and access.

23. (Previously Presented) The moving image management apparatus according to claim 15, wherein in said unit configured to record information indicating a purpose of the said representative image as attribute information, the attribute information is an identification number previously defined for purpose.

24. (Previously Presented) The moving image management apparatus according to claim 16, wherein said unit configured to select only the representative image corresponding to the purpose based on said attribute information selects a representative image having the attribute information corresponding to a browsing operation,

and wherein said apparatus has a display unit configured to display the representative image,

further wherein application of function corresponding to the purpose to the selected section or the whole of the moving image is reproduction processing for, when a desired representative image is designated from representative images displayed by said display unit, reproducing a corresponding moving image based on section information added to the representative image.

25. (Previously Presented) The moving image management apparatus according to claim 15, wherein if an editing range is designated in a desired moving image, said unit configured to select only the representative image corresponding to the purpose based on the attribute information selects a representative image having the attribute information corresponding to an editing operation and within the editing range,

and wherein said apparatus has a display unit configured to display the representative image within the editing range.

26. (Previously Presented) The moving image management apparatus according to claim 16, wherein in a print operation to print a desired frame in a desired moving image, said unit

configured to select only the representative image corresponding to the purpose based on the said attribute information selects a representative image having the attribute information corresponding to the print operation from representative images corresponding to the desired moving image,

and wherein said apparatus has a display unit configured to display the representative image having the said attribute information corresponding to the print operation,

further wherein application of function corresponding to a designated purpose to the selected section or the whole of the moving image when a desired representative image is designated from representative images displayed by said display unit, is output processing for, when a desired representative image is designated from representative images displayed by said display unit, referring to the information indicating a position of an image as a base of the representative image, and outputting a desired frame for print output.

27. (Previously Presented) A moving image management method for management of plural moving images recorded on a storage medium in correspondence with one or plural representative images, comprising:

a step of recording a representative image representing an arbitrary section or the whole of a moving image;

a step of recording information indicating the section or the whole of the moving image represented by the representative image in correspondence with the representative image; and

a step of recording information indicating a position of an image as a base of the representative image in correspondence with the said representative image,

wherein in the case the representative image is designated by a user, it is interpreted that the section or the whole of the moving image represented by the representative image is selected.

28. (Currently Amended) The moving image management method according to claim 27, further comprising:



a step of recording information indicating a purpose of use of the representative image as attribute information in correspondence with the representative image; and

a step of selecting only the representative image corresponding to the purpose based on the attribute information.

29. (Previously Presented) The moving image management method according to claim 28, when the representative image is designated by the user, it is interpreted that the section or the whole of the moving image represented by the representative image is selected, and a function corresponding to the purpose is applied to the selected section or the whole of the moving image.

30. (Previously Presented) The moving image management method according to claim 27, further comprising:

a step of recording information indicating a purpose of the representative image as attribute information; and

a step of classifying only the representative image for each purpose based on the attribute information.

31. (Previously Presented) The moving image management method according to claim 30, wherein when the representative image is designated by the user, it is interpreted that the section or the whole of the moving image represented by the representative image is selected, and a function corresponding to the purpose is applied to the selected section or the whole of the moving image.

32. (Previously Presented) The moving image management method according to claim 28, wherein when the information indicating the section or the whole of the moving image

represented by the representative image and the attribute information are recorded on the storage medium, they are recorded by representative image in a particular continuous portion.

33. (Previously Presented) The moving image management method according to claim 32, wherein when the information indicating a position of an image as a base of the representative image and the representative image are recorded on the storage medium, they are recorded by representative image in a particular portion.

34. (Previously Presented) The moving image management method according to claim 33, wherein the particular portion is a continuous area on the storage medium.

35. (Previously Presented) The moving image management method according to claim 33, wherein only significant information of the information indicating a position of an image as a base of the representative image and the representative image is recorded in a portion for easily storage and access.

36. (Previously Presented) The moving image management method according to claim 28, wherein at said step of recording information indicating a purpose of the representative image as attribute information, the attribute information is an identification number previously defined for purpose.

37. (Previously Presented) The moving image management method according to claim 29, wherein at said step of selecting only the representative image corresponding to the purpose based on the attribute information, a representative image having the attribute information corresponding to a browsing operation is selected,

and wherein said method has a display step of displaying the representative image,

further wherein application of function corresponding to the purpose to the selected section or the whole of the moving image is a reproduction step of, when a desired representative image is designated from representative images displayed at said display step, reproducing a corresponding moving image based on section information added to the representative image.

38. (Previously Presented) The moving image management method according to claim 28, wherein if an editing range is designated in a desired moving image, said step of selecting only the representative image corresponding to the purpose based on the attribute information, a representative image having the attribute information corresponding to an editing operation and within the editing range is selected,

and wherein the method has a display step of displaying the representative image within said editing range.

39. (Previously Presented) The moving image management method according to claim 29, wherein in a print operation to print a desired frame in a desired moving image, at said step of selecting only the representative image corresponding to the purpose based on the attribute information, a representative image having the attribute information corresponding to the print operation is selected from representative images corresponding to the said desired moving image,

and wherein said method has a display step of displaying the representative image having the attribute information corresponding to the print operation,

further wherein application of function corresponding to a designated purpose to the selected section or the whole of the moving image when a desired representative image is designated from representative images displayed at said display step is an output step of, when a desired representative image is designated from representative images displayed at said display step, referring to the information indicating a position of an image as a base of the representative image, and outputting a desired frame for print output.

40. (Previously Presented) A moving image management method for management of plural moving images recorded on a storage medium in correspondence with one or plural representative images, comprising:

- a generation step of generating a representative image representing an arbitrary section or the whole of a moving image;

- a first recording step of recording information indicating the section or the whole of the moving image represented by the representative image in correspondence with the representative image; and

- a second recording step of recording information indicating a position of an image as a base of the representative image in correspondence with the said representative image.

41. (Currently Amended) The moving image management method according to claim 40, further comprising:

- an adding step of adding information indicating a purpose of use of the representative image as attribute information;

- a step of recording the attribute information added at said adding step in correspondence with the representative image; and

- a step of selecting only the representative image corresponding to the purpose based on the attribute information.

42. (Previously Presented) The moving image management method according to claim 41, wherein when the representative image is designated by the user, it is interpreted that the section or the whole of the moving image represented by the representative image is selected, and a function corresponding to the purpose is applied to the selected section or the whole of the moving image.

43. (Previously Presented) The moving image management method according to claim 40, further comprising:

an adding step of adding information indicating a purpose of the representative image as attribute information;

a step of recording the attribute information added in said adding step in correspondence with the representative image; and

a step of classifying only the representative image for each purpose based on the attribute information.

44. (Previously Presented) The moving image management method according to claim 43, wherein when the representative image is designated by the user, it is interpreted that the section or the whole of the moving image represented by the representative image is selected, and a function corresponding to the purpose is applied to the selected section or the whole of the moving image.

45. (Currently Amended) The moving image management method according to ~~claim 15~~ claim 41, wherein when the information indicating the section or the whole of the moving image represented by the representative image and the attribute information are recorded on the storage medium, they are recorded by representative image in a particular continuous portion.

46. (Previously Presented) The moving image management method according to claim 45, wherein when the information indicating a position of an image as a base of the representative image and the representative image are recorded on the storage medium, they are recorded by representative image in a particular portion.

47. (Previously Presented) The moving image management method according to claim 46, wherein the particular portion is a continuous area on the storage medium.

48. (Previously Presented) The moving image management method according to claim 46 , wherein only significant information of the information indicating a position of an image as a base of the representative image and the representative image is recorded in a portion for easily storage and access.

49. (Previously Presented) The moving image management method according to claim 41 , wherein at said step of recording information indicating a purpose of the representative image as attribute information, the attribute information is an identification number previously defined for purpose.

50. (Previously Presented) The moving image management method according to claim 42, wherein at said step of selecting only the representative image corresponding to the purpose based on the attribute information, a representative image having the attribute information corresponding to a browsing operation is selected,

and said method has a display step of displaying the representative image,

further wherein application of function corresponding to the purpose to the selected section or the whole of the moving image is a reproduction step of, when a desired representative image is designated from representative images displayed at said display step, reproducing a corresponding moving image based on section information added to the representative image.

51. (Previously Presented) The moving image management method according to claim 41, wherein if an editing range is designated in a desired moving image, at said step of selecting only the representative image corresponding to the purpose based on the attribute information, a representative image having the attribute information corresponding to an editing operation and within the editing range is selected,

and wherein said method has a display step of displaying the representative image within the editing range.

52. (Previously Presented) The moving image management method according to claim 42, wherein in a print operation to print a desired frame in a desired moving image, at said step of selecting only the representative image corresponding to the purpose based on the attribute information, a representative image having the attribute information corresponding to the print operation is selected from representative images corresponding to the desired moving image,

and wherein said method has a display step of displaying the representative image having the attribute information corresponding to the print operation,

further wherein application of function corresponding to a designated purpose to the selected section or the whole of the moving image when a desired representative image is designated from representative images displayed at said display step, is an output step for, when a desired representative image is designated from representative images displayed at said display step, referring to the information indicating a position of an image as a base of the representative image, and outputting a desired frame for print output.

53. (Previously Presented) A storage medium holding a control program for executing the moving image management method according to claim 27 by a computer.

54. (Previously Presented) A control program for executing the moving image management method according to claim 27 by a computer.